IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A powder ~~Powder consisting of~~ comprising particles with a core of titanium dioxide and a coating of silicon dioxide, ~~characterised in that~~ wherein
   - ~~it has a content of~~ the silicon dioxide is present in an amount of between 0.5 and 40 wt.%,
   - ~~it has~~ the particles have a BET surface of between 5 and 300 m^2/g, and
   - ~~it consists of~~ the particles are primary particles that have a coating of silicon dioxide and a core of titanium dioxide.

2. (Currently Amended) ~~Powder~~ The powder according to claim 1, ~~characterised in that~~ wherein the primary particles can grow together to form aggregates.

3. (Currently Amended) ~~Aggregates~~ An aggregate of particles ~~according to claim 2, characterised in that they consist of~~ comprising the powder according to claim 2 and wherein the primary particles ~~that~~ have grown together via the silicon dioxide coating~~coatings~~.

4. (Currently Amended) ~~Powder~~ The powder according to ~~claims 1 to 3, characterised in that the content of~~ claim 1, wherein the silicon dioxide is present in the powder in an amount of ~~is~~ 1 to 20 wt.%.

5. (Currently Amended) ~~Powder~~ The powder according to ~~claims 1 to 4, characterised in that~~ claim 1, wherein the titanium dioxide core has a ratio of the rutile/anatase modifications of 1:99 to 99:1.

6. (Currently Amended) ~~Powder~~ The powder according to ~~claims 1 to 5, characterised in that~~ claim 1, wherein an aqueous dispersion of the powder with a solids content of 3 wt.%

has an absorption of at least 95% at 320 nm and an absorption of at least 90% at 360 nm.

7. (Currently Amended) ~~Powder~~ The powder according to ~~claims 1 to 6, characterised in that it~~ claim 1, which has a photoactivity index of less than 0.5.

8. (Currently Amended) ~~Powder~~ The powder according to ~~claims 1 to 7, characterised in that the~~ claim 1, which has an isoelectric point ~~is~~ at a pH value of between 1 and 4.

9. (Currently Amended) ~~Powder~~ The powder according to ~~claims 1 to 8, characterised in that~~ claim 1, wherein the BET surface is between 40 and 120 m^2/g.

10. (Currently Amended) ~~Process~~ A process for the production of the powder according to ~~claims 1 to 9, characterised in that~~ claim 1, comprising
mixing a vaporisable silicon compound and a vaporisable titanium compound ~~are mixed~~ corresponding to ~~the~~ asubsequently desired ratio of SiO_2 and TiO_2 in the product,
~~are vaporised~~ vaporizing the mixture at ~~temperatures~~ a temperature of 200°C or less
transferring the vaporized mixture in ~~and are transferred by means of~~ an inert gas stream together with hydrogen and air or with oxygen-enriched air into ~~the~~ a central pipe ~~(core)~~ of a ~~known~~ burner,
igniting the reaction mixture ~~is ignited~~ at the mouth of the burner ~~and is introduced together with~~ in the presence of secondary air,
~~and is combusted~~ combusting in a cooled flame pipe,
~~following which~~ removing the titanium dioxide powder coated with silicon dioxide ~~is removed~~ from the gaseous reaction products ~~and if necessary is freed in moist air from adhering hydrogen chloride~~, wherein the ratio of

- primary air to secondary air is greater than 0.3,

- core hydrogen to secondary air is greater than 1,

- titanium dioxide precursor to secondary air is greater than 0.5

11. (Currently Amended) ~~Process~~ The process according to claim 10, ~~characterised in that~~ wherein titanium tetrachloride is ~~used as~~ the titanium compound.

12. (Currently Amended) ~~Process~~ The process according to claim 10, ~~characterised in that~~ wherein silicon tetrachloride is ~~used as~~ the silicon compound.

13. (Currently Amended) ~~Sunscreen~~ A sunscreen agent ~~containing~~ comprising the ~~oxide particles~~ powder according to ~~claims 1 to 9,~~ claim 1 in an amount of between 0.01 and 25 wt.% ~~referred to~~ based on the ~~amount of the~~ weight of the sunscreen agent; and one or more of a UV-absorbing pigment, chemical UV filter, and a solvent.

14. (Cancelled)

15. (New) The process according to claim 10, further comprising freeing the gaseous reaction product from adhering hydrogen chloride following the removal of the titanium dioxide powder coated with silicon dioxide from the gaseous reaction products.

16. (New) A method of making a dispersion, comprising mixing the powder according to claim 1 with a solvent.